

PURCHASING ITEM FOR COUNCIL AGENDA Memo No. CP14-046

1. Agenda Item Number:

2. Council Meeting Date: September 12, 2013

TO: MAYOR & COUNCIL

3. Date Prepared: August 23, 2013

THROUGH: CITY MANAGER

4. Requesting Department: Municipal Utilities

- **5. SUBJECT:** Project Agreement to Southwest Ground-water Consultants, for Chandler Heights Recharge Permit Modifications.
- **6. RECOMMENDATION:** Staff recommends City Council award a project agreement to Southwest Ground-water Consultants, for Chandler Heights Recharge Permit Modifications, pursuant to Annual Contract No. EN1203-101, Project No. WW1406-101, in an amount not to exceed \$50,870.
- 7. BACKGROUND/DISCUSSION: The Chandler Heights recharge basins are in Veterans Oasis Park, located at the northeast corner of Chandler Heights and Lindsay Roads. Southwest Ground-water Consultants has been under contract to evaluate historic groundwater recharge capacity and water quality. Based on preliminary results, it is estimated an additional three million gallons per day can be recharged. The increased recharge capacity saves the City the cost of constructing additional Aquifer Storage Recovery (ASR) wells. Staff had preliminary meetings with the Arizona Department of Water Resources (ADWR) and the Arizona Department of Environmental Quality (ADEQ) regarding permit amendments to increase recharge capacity. The consultant will complete complex groundwater flow models and analyze the potential impacts to nearby landowners. ADWR and ADEQ will need this analysis to ensure there are no impacts to nearby landowners.

The project scope of work provides for the analysis, preparation and submission of the Aquifer Protection Permit (APP) application to ADEQ, and Underground Storage Facility (USF) and Water Storage Permit applications to ADWR. In addition, the consultant will also develop a Chandler recharge strategy to recharge a total of five million gallons per day at the Chandler Heights recharge basins.

This project agreement is pursuant to Annual Contract No. EN1203-101. The first extension to this annual contract is also scheduled for this meeting.

The contract completion time is 365 calendar days from Notice to Proceed.

8. EVALUATION: On August 16, 2012, City Council approved an Annual Hydrogeological Services contract to Southwest Ground-water Consultants, Contract No. EN1203-101. This project agreement is pursuant to this annual contract. Staff reviewed the Project Agreement scope of work, billing rates, and total fee for this project, compared them to historical costs, and determined they are reasonable.

9. FINANCIAL IMPLICATIONS:

Cost: \$50,870 Savings: N/A Long Term Costs: N/A

Fund Source:

Acct. No.: Fund Name: Program Name: CIP Funded: Amount: 611.3910.5875.6WW189 Wastewater Bond Effluent Reuse Storage & Recovery Wells Yes \$50,870

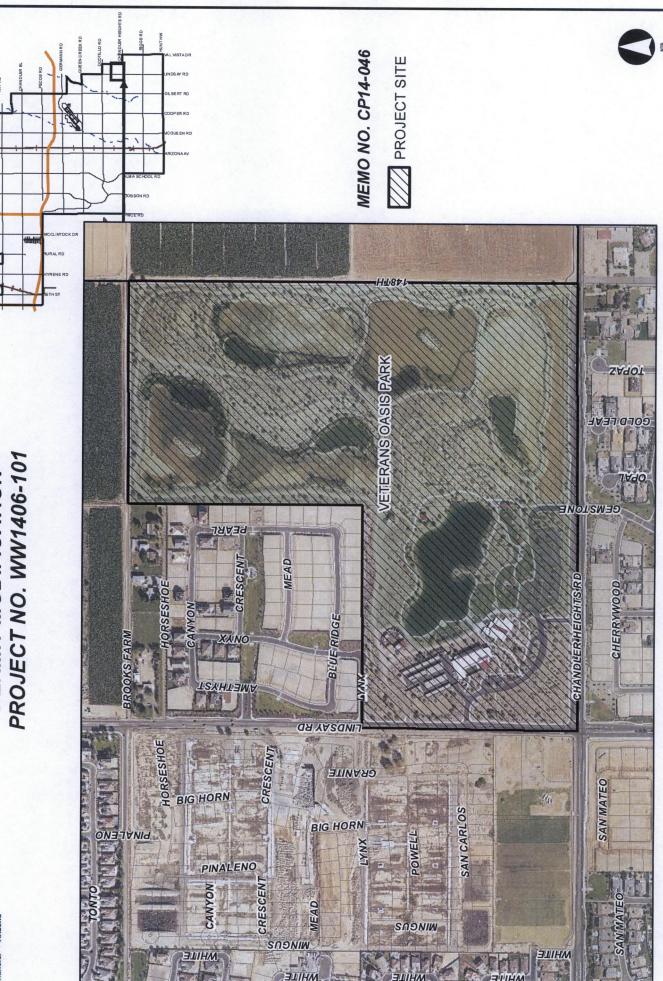
10. PROPOSED MOTION: Move City Council award a project agreement to Southwest Ground-water Consultants for Chandler Heights Recharge Permit Modifications, pursuant to Annual Contract No. EN1203-101, Project No. WW1406-101, in an amount not to exceed \$50,870.

ATTACHMENTS: Project Agreement, Location Map

APPROVALS		
11. Requesting Department Howard For: John Knudson, Utilities Engineering Manager	Dave Siegel, Municipal Utilities Director	
12. Transportation & Development	14. City Manager	
Bob Fortier, Capital Projects Manager	Rich Dlugas	



CHANDLER HEIGHTS RECHARGE PERMIT MODIFICATION PROJECT NO. WW1406-101



PROJECT AGREEMENT PURSUANT TO ANNUAL CONTRACT NO. EN1203-101

PROJECT AGREEMENT NO: WW1406-101 This PROJECT AGREEMENT is made this _____ day of ______, 2013, by and between the City of Chandler, a municipal corporation (hereinafter referred to as "CITY") and Southwest Ground-water Consultants, an Arizona corporation, (hereinafter referred to as "Annual Consultant") and is a project agreement entered into pursuant to Annual Contract No. EN1203-101.

CITY and Southwest Ground-water Consultants, in consideration of the mutual covenants herein set forth, agree as follows:

ARTICLE 1 - DESCRIPTION OF WORK:

This project is Chandler Heights Recharge Permit Modifications, Project Number WW1406-101. The scope of work consists of modifications to the City's USF and WS permits, all as more particularly set forth in Exhibit A attached hereto and incorporated herein by reference.

The Annual Consultant shall not accept any change of scope, or change in contract provisions, unless issued in writing, as a contract amendment and signed by the Contract Administrator.

ARTICLE 2 - CONTRACT PRICE:

CITY shall pay Annual Consultant for completion of the Work in accordance with the Contract Documents a fee not to exceed Fifty Thousand Eight Hundred Seventy Dollars (\$50,870) determined and payable as set forth in Annual Contract EN1203-101 and Exhibit B attached hereto and made a part hereof by reference.

ARTICLE 3 - CONTRACT TIME:

The contract time is Three Hundred Sixty Five calendar days and Annual Consultant agrees to complete all work within Three Hundred Sixty Five (365) calendar days of the date CITY issues a Notice to Proceed.

ARTICLE 4 – GENERAL:

This Project Agreement is entered into pursuant to Annual Contract No. EN1203-101 and the terms and conditions contained therein are incorporated herein by reference as if set forth in full.

and year first written above.	ve executed this Project Agreement of	on the day
This Project Agreement will be effective on this _	day of, 201	13.
CITY OF CHANDLER	FOR THE ANNUAL:	'L
MAYOR DATE:	Title: Rendert	
ADDRESS FOR NOTICE City of Chandler P.O. Box 4008, Mail Stop 407 Chandler, AZ 85244-4008 480-782-3307	ADDRESS FOR NOTICE Mr. Bill Greenslade Southwest Ground-water Consulta 3033 N. 44 th St., Ste. 120 Phoenix, AZ 85018	ints
APPROVED AS TO FORM:	Phone: 602-955-5547 Fax: 602-955-7585	
City Attorney By:		
ATTEST:		
City Clerk		

EXHIBIT A SCOPE OF WORK

Annual Consultant shall provide the following tasks:

Task 1 - Additional Pre-Application Meetings

As needed, Annual Consultant will prepare materials for presentation and attend up to two (2) additional pre-application meetings with the agencies. The need for these meetings will depend on the agencies' response to the analyses and materials submitted in response to the preliminary meetings already held.

Task 2 - Prepare and Submit an Application to Amend the APP

Annual Consultant will prepare an application to amend the current APP. Work will include the documentation of analytical studies of basin infiltration rates and water level response to recharge. Annual Consultant will conduct and document the Discharge Impact Area (DIA) analyses required for the increased recharge volume.

A draft application will be submitted to the City for review and comment. Following review, Annual Consultant will make any agreed upon changes and submit the application to ADEQ.

Annual Consultant will provide a check for the initial application fee (\$2,000). Any additional agency review fees will be paid directly by the City.

Task 3 – Prepare and Submit Applications to Modify the USF and WS Permits

Annual Consultant will prepare applications to modify the current USF and WS permits. Work will include the documentation of analytical studies of basin infiltration rates and water level response to recharge. Annual Consultant will conduct and document the Hydrologic Feasibility, Unreasonable Harm and Area of Impact (AOI) analyses required by the USF Application Guide (2011).

Draft applications will be submitted to the City for review and comment. Following review, ANNUAL CONSULTANT will make any agreed upon changes and submit the application to ADWR. ANNUAL CONSULTANT will provide checks for the initial application fees (USF - \$2,000; WS - \$1,000). Any additional agency review fees will be paid directly by the City.

Task 4 – Respond to Agency Questions and Comments

ANNUAL CONSULTANT will assist the City in responding to verbal or written questions and comments from ADWR and ADEQ during their review of the applications and drafting of the permits. It is impossible to determine with certainty the number and type of questions that may be asked, ANNUAL CONSULTANT has include hours in the cost estimate based on recent experience on other projects. If additional hours and costs

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are needed to respond to agency comments, ANNUAL CONSULTANT will prepare an amendment to the scope and costs presented below.

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EXHIBIT B FEE SCHEDULE

Annual Consultant shall provide all services as described in Article 1 for an amount not to exceed \$50,870.

Task		Cost
Task 1 – Additional Agency Pre-Application Meetings (2)		\$7,910
Task 2 – Prepare and Submit APP Application ¹		\$18,610
Task 3 - Prepare and Submit USF and WS Applications ¹		\$12,960
Task 4 – Respond to Agency Questions and Comments		\$13,810
Total	430	\$50,870

^{1.} Includes initial application fess (ADEQ - \$2,000; ADWR - \$3,000)